

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 54259.000003		SERIAL NO.: 09/301,704	
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)				INVENTOR'S NAME: Mark Andrew SCHEMBRI, <i>et al.</i>		EXAMINER: Monika Sheinberg	
				FILING DATE: April 29, 1999		GROUP ART UNIT: 1631	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	A	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	B						
	C						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	D						
	E						
	F						
OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)							
MBS	G	Carlos F. Barbas, III, <i>et al.</i> , Direct selection of antibodies that coordinate metals from semisynthetic combinatorial libraries, Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 6385-6389, July 1993					
	H	Eric T. Boder and K. Dane Wittrup, Yeast surface display for screening combinatorial polypeptide libraries, Nature Biotechnology, Volume 15, pp. 553-557, June 1997					
	I	Stanley Brown, Engineered iron oxide-adhesion mutants of the <i>Escherichia coli</i> phage λ receptor, Proc. Natl. Acad. Sci. USA, vol. 89, pp. 8651-8655, September 1992					
	J	George Georgiou, <i>et al.</i> , Display of heterologous proteins on the surface of microorganisms: From the screening of combinatorial libraries to live recombinant vaccines, Nature Biotechnology, Volume 15, January 1997					
	K	Ralf Janknecht, <i>et al.</i> , Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus, Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 8972-8976, October 1991					
	L	C. Hal Jones, <i>et al.</i> , FimH adhesin of type 1 pili is assembled into a fibrillar tip structure in the <i>Enterobacteriaceae</i> , Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 2081-2085, March 1995					
	M	Per Klemm and Gunna Christiansen, Three fim genes required for the regulation of length and mediation of adhesion of <i>Escherichia coli</i> type 1 fimbriae, Mol Gen Genet (1987) 208: 439-445					
	N	Per Klemm, <i>et al.</i> , The fim genes responsible for synthesis of type 1 fimbriae in <i>Escherichia coli</i> , cloning and genetic organization, Mol Gen Genet (1985) 199: 410-414					
	O	Thomas B. Knudsen and Per Klemm, Probing the receptor recognition site of the FimH adhesin by fimbriae-displayed FimH-FocH hybrids, Microbiology (1998), 144, 1919-1929					
	P	Karen A. Krogfelt and Per Klemm, Investigation of minor components of <i>Escherichia coli</i> Type 1 fimbriae: protein chemical and immunological aspects, Microbial Pathogenesis 1988; 4: 231-238					
	Q	Karen A. Krogfelt, <i>et al.</i> , Direct Evidence that the FimH Protein Is the Mannose-Specific Adhesin of <i>Escherichia coli</i> Type 1 Fimbriae, Infection and Immunity, June 1990, p. 1995-1998					
	R	Lars Pallesen, <i>et al.</i> , Chimeric FimH adhesin of type 1 fimbriae: a bacterial surface display system for heterologous sequences, Microbiology (1995), 141, 2839-2848					
EXAMINER Monika Sheinberg		DATE CONSIDERED 10/11/01					
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OTHER MATERIALS (Including Author, Title, Date, Pertinent Pages, Etc.)							
NPS	G	F.M. Romeyer, <i>et al.</i> , Bioaccumulation of heavy metals in <i>Escherichia coli</i> expressing an inducible synthetic human metallothionein gene, Journal of Biotechnology, 8 (1988) 207-220					
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	J	Evgeni V. Sokurenko, <i>et al.</i> , Quantitative Differences in Adhesiveness of Type 1 Fimbriated <i>Escherichia coli</i> Due to Structural Differences in <i>fimH</i> Genes, Journal of Bacteriology, July 1995, pp. 3680-3686					
	K	Evgeni V. Sokurenko, <i>et al.</i> , Functional heterogeneity of Type 1 Fimbriae of <i>Escherichia coli</i> , Infection and Immunity, Nov. 1992, p. 4709-4719					
	L	Evgeni V. Sokurenko, <i>et al.</i> , FimH Family of Type 1 Fimbrial Adhesins: Functional Heterogeneity due to Minor Sequence Variations among <i>fimH</i> Genes, Journal of Bacteriology, Feb. 1994, p. 748-755					
	M	Carolina Sousa, <i>et al.</i> , Enhanced metalloadorption of bacterial cells displaying poly-His peptides, Nature Biotechnology, Volume 14, pp. 1017-1020, August 1996					
	N	Krishnan Thankavel, <i>et al.</i> , Localization of a Domain in the FimH Adhesin of <i>Escherichia coli</i> Type 1 Fimbriae Capable of Receptor Recognition and Use of a Domain-specific Antibody to Confer Protection against Experimental Urinary Tract Infection, JCI Online, JCI - Thankavel et al. 100 (5):1123, September 1997					
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INVENTOR'S NAME:

SCHEMBRI, et al.

EXAMINER:

Not Assigned

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MBS	A	5 3 1 6 9 2 2	05/31/94	Brown et al.	—	—	
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							YES NO
MBS	C	95/20657	03/08/95	WO	—	—	
I	D	97/40161	30/10/97	WO	—	—	
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MBS	F	Mark A. Schembri and Per Klemm, Heterobinary Adhesins Based on the <i>Escherichia coli</i> FimH Fimbrial Protein, Applied and Environmental Microbiology, vol. 64, no. 5, May 1998, p. 1628-1633
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